

labeling of a product, the administrator's validation mark and the manufacturer's certification of compliance with the applied standard is required to be on the certification label issued by the administrator to the manufacturers. In the case of exterior wall insulation and finish systems, the certification label containing the administrator's mark shall be permanently affixed on the package or container of base and finish coating materials. Further, additional information shall be included on the certification label or mark:

- (1) Manufacturer's name.
- (2) Manufacturer's statement of conformance with UM 101.

(c) The Administrator shall visit the manufacturer's or sponsor's facility every 6 months, to assure that the initially accepted quality assurance procedures are being followed. At least every four years, the Administrator also shall have the exterior wall insulation and finish systems tested in an approved laboratory to assure that the original performance is maintained.

(d) The administrator's (or administration-accepted inspection agency) inspection of EFIS system installation of 5000 sq. ft. or more, shall be made during and upon completion of the construction. Reports of the inspection shall be made to the owner. These reports shall state:

- (1) The coverage of the finish coat per square foot for a given volume of finish.
- (2) The minimum thickness of the base and finish coatings.
- (3) The fiberglass mesh is installed properly around joints and insulation. All penetrations, including windows, flashing, etc., are sealed; and there is a caulk and sealant continuity evaluation; and

(4) There is a caulk and sealant continuity evaluation with special concerns on maintenance.

(e) The manufacturer shall warrant their exterior wall insulation and finish system, including any caulks and sealants, for twenty years against faulty performance. The warranty shall include correction of delamination, chipping, denting, peeling, blistering, flaking, bulging, unsightly discoloration, or other serious deterioration of the system such as the intrusion of

water through the wall or structural failure of the system's surface materials. Should any of these defects occur, the manufacturer shall make a pro-rata allowance for replacement or pay the owner the amount of the allowance. The manufacturer shall not be liable for damages or defects resulting from misuse, natural catastrophes, or other causes beyond the control of the manufacturer. The contractor shall provide a statement to the owner that the product has been installed in compliance with HUD requirements and that the manufacturer's warranty does not relieve the builder, in any way, of responsibility under the terms of the Builder's Warranty required by the National Housing Act, or under any other housing program.

[60 FR 47841, Sept. 14, 1995]

§ 200.947 Building product standards and certification program for polystyrene foam insulation board.

(a) *Applicable standards.* (1) All polystyrene foam insulation board shall be designed, manufactured, and tested in compliance with the American Society for Testing and Materials (ASTM) standard C-578-92, Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.

(2) This standard has been approved by the Director of the Federal Register for incorporation by reference. The standard is available from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103. This standard is also available for inspection at the Office of the Federal Register, 800 North Capitol Street, NW., 7th Floor, suite 700, Washington, DC.

(b) *Labeling.* Under the procedures set forth in § 200.935(d)(6) concerning labeling of a product, the administrator's certification of compliance with the applicable standards and the type of board are required to be on the certification label issued by the administrator to the manufacturer.

(c) *Periodic tests and quality assurance inspection.* Under the procedure set forth in § 200.935(d)(8), testing and inspection shall be conducted as follows:

(1) At least every six months, the administrator shall visit the manufacturer's facility to select a sample of each

certified polystyrene foam insulation board for testing by a laboratory approved by the administrator.

(2) The administrator also shall review the quality assurance procedures every six months to assure that they are being followed by the manufacturer.

[58 FR 67675, Dec. 22, 1993]

§ 200.948 Building product standards and certification program for carpet cushion.

(a) *Applicable standards.* (1) All carpet cushion shall be designed, manufactured, and tested in compliance with the following standards from the American Society for Testing and Materials:

(i) ASTM D 1667-76—(Reapproved 1990) Standard Specification for Flexible Cellular Materials—Vinyl Chloride Polymers and Copolymers (Closed-Cell Foam);

(ii) ASTM D2646-87—Standard Test Methods for Backing Fabrics;

(iii) ASTM D629-88—Standard Test Methods for Quantitative Analysis of Textiles;

(iv) ASTM D3574-91—Standard Test Methods for Flexible Cellular Materials—Slab, Bonded, and Molded Urethane Foams;

(v) ASTM D3676-78—Standard Specification for Rubber Cellular Cushion Used for Carpet or Rug Underlay.

(2) These standards have been approved by the Director of the Federal Register for incorporation by reference. The standards are available from the American Society for Testing Materials, 1916 Race Street, Philadelphia, PA 19103. These standards are also available for inspection at the Office of the Federal Register, 800 North Capitol Street, NW., 7th Floor, suite 700, Washington, DC.

(b) *Labeling.* Under the procedures set forth in § 200.935(d)(6) concerning labeling of a product, the administrator's validation mark, the manufacturer's certification of compliance with the applicable standards, and the type and class all are required to be on the certification label issued by the administrator to the manufacturer.

(c) *Periodic tests and quality assurance inspection.* Under the procedure set forth in § 200.935(d)(8), testing and inspection shall be conducted as follows:

(1) At least every six months, the administrator shall visit the manufacturer's facility to select a sample of each certified carpet cushion for testing by a laboratory approved by the administrator.

(2) The administrator also shall review the quality assurance procedures every six months to assure that they are being followed by the manufacturer.

[58 FR 67675, Dec. 22, 1993]

§ 200.949 Building product standards and certification program for exterior insulated steel door systems.

(a) *Applicable standards.* (1) All Exterior Insulated Steel Door Systems shall be designed, manufactured, and tested in compliance with the following standards from the American Society for Testing and Materials and Insulated Steel Door Systems Institute:

(i) ASTM A591/A591M-89—Standard Specification for Steel Sheet, Electrolytic-Zinc Coated, for Light Coating Mass Applications;

(ii) ISDSI-100-90—Door Size Dimensional Standard and Assembly Tolerances for Insulated Steel Door Systems;

(iii) ISDSI-101-83—(Reapproved 1989) Air Infiltration Performance Standard for Insulated Steel Door Systems;

(iv) ISDSI-102-84—Installation Standard for Insulated Steel Door Systems;

(v) ISDSI-104-86—Water Penetration Performance Standard for Insulated Steel Door Systems;

(vi) ISDSI-105-80—Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors and Hardware Reinforcings;

(vii) ISDSI-106-80—Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames;

(viii) ISDSI-107-80—Thermal Performance Standard for Insulated Steel Door Systems;

(ix) ASTM F476-84—(Reapproved 1991) Standard Test Methods for Security of Swinging Door Assemblies.

(2) These standards have been approved by the Director of the Federal Register for incorporation by reference. These standards are available from the American Society for Testing